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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/628,751
				Filing Date	Jul 28, 2003
				First Named Inventor	Venkatesan
				Group Art Unit	2624
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	MS1-422USC1

Examiner Signature	Andy Do	Date Considered	7/19/08
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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<p>Sheet</p>		<p>1</p>	<p>of</p>	<p>2</p>	<p>Application Number</p>
					<p>Filing Date</p>
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					<p>Attorney Docket Number</p>
					<p>MS1-422USC1</p>

Examiner Signature	Ant D.	Date Considered	7/19/05
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Sheet	2	of	2	Application Number	
				Filing Date	
				First Named Inventor	Venkatesan
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	MS1-422USC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AD		CHANG et al., "RIME: A Replicated Image Detector for the World-Wide Web", 10 pages	
D		MALVAR, "A Modulated Complex Lapped Transform and Its Applications to Audio Processing," IEEE ICASSP'99, Phoenix, Arizona, March 1999, pp. 1-4	
AD		VENKATESAN, S.-M. Koon, M.H. Jakubowski and P. Moulin, "Robust Image Hashing," Cryptography Group, Microsoft Research, 3 pages.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number	10/628,751
Filing Date	7/28/2003
First Named Inventor	Ramarathnam Venkates
Art Unit	2624
Examiner Name	

Attorney Docket Number MS1 0422USC1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
AD		US- 20020126872	9/12/2002	Brunk, Hugh L. et al	382/100
		US- 5,802,518	9/1/1998	Karaev, et al.	707/9
		US- 6,522,767	2/18/2003	Moskowitz, et al.	382/100
		US- 6532541	3/11/2003	Chang, et al.	713/176
		US- 6625295	9/23/2003	Wolfgang, et al.	382/100
		US- 6647128	11/11/2003	Rhoads	382/100
		US- 6674861	1/6/2004	Xu, et al.	380/252
		US- 6768809	7/27/2004	Rhoads, et al.	382/100
		US- 6799158	9/28/2004	Fischer, et al.	704/205
AD		US- 6839673	1/4/2005	Choi, et al.	704/273
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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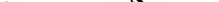
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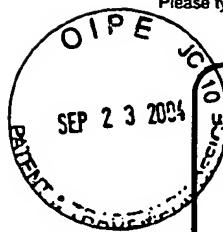
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Sheet 1 of 3

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Signature**

Ann D.

Date Considered

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AD		Mihcak et al., "Watermarking via Optimization Algorithms for Quantizing Randomized Statistics of Image Regions" Proceedings of the Annual Allerton Conference on Communication Control and Computing Urbana IL 2002 10 pages.		1
		Moulin et al., "The Parallel-Gaussian Watermarking Game" IEEE Transactions Information Theory Feb. 2004 pages 1-36.		✓
		Chen et al., "Quantization Index Modulation Methods for Digital Watermarking and Information Embedding of Multimedia" Journal of VLSI Signal Processing 27, 2001 pages 7-33.		✓
		Mihcak et al., "New Iterative Geometric Methods for Robust Perceptual Image Hashing" Proceedings of the Security and Privacy Digital Rights Management Workshop 2001 9 pages.		1
		Kesal et al., "Iteratively Decodable Codes for Watermarking Applications" Proceedings of the Second Symposium on Turbo Codes and Their Applications France September 2000 4 pages.		✓
		Venkatesan et al., "Image Watermarking with Better Resilience" Proceedings of IEEE-ICIP Vancouver BC Canada 2000 4 pages.		✓
		Mihcak et al., "Cryptanalysis of Discrete-Sequence Spread Spectrum Watermarks" Proceedings of the Information Hiding Workshop Holland 2002 21 pages.		✓
		Mihcak et al., "Blind Image Watermarking Via Derivation and Quantization of Robust Semi-Global Statistics" Proceedings of IEEE-ICASSP Orlando FL 2002 4 pages.		✓
		Chen et al., "Achievable Performance of Digital Watermarking Systems" IEEE 1999 pages 13-18.		✓
		Mihcak et al., "A Perceptual Audio Hashing Algorithm: A Tool For Robust Audio Identification and Information Hiding" Proceedings of the Information Hiding Workshop 2001 15 pages.		✓
AD		Moulin et al., "A Framework for Evaluating the Data-Hiding Capacity of Image Sources" IEEE Transactions on Image Processing Vol. 11 No. 9 September 2002 pages 1-14.		

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				First Named Inventor	Venkatesan
				Group Art Unit	2624
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<i>AB</i>		Wu et al., "Video Access Control Via Multi-level Data Hiding" Proc. IEEE Int. Conf. on Multimedia and Expo Vol. 1 Jul/Aug 2000 pp 381-384.	
<i>AB</i>		Fridrich et al., "Robust Hash Functions for Digital Watermarking" Proc. Int. Conf. on Information Technology: Coding and Computing March 2000 pp 178-183.	
<i>AB</i>		Lee et al., "Adaptive Video Watermarking Using Motion Information" Proc SPIE Vol. 3971: Security and Watermarking of Multimedia Contents II Jan 2000 pp. 209-216.	
<i>AB</i>		Echizen et al., "General Quality Maintenance Module for Motion Picture Watermarking" IEEE Trans. on Consumer Electronics Vol. 45 No. 4. Nov 1999 pp1150-1158.	

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	Filing Date	2003-07-28
	First Named Inventor	Ramarathnam Venkatesan
	Art Unit	2624
	Examiner Name	
	Attorney Docket Number	MS1-422USC1

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
AD	1	5210820		1993-05-11	Kenyon	764/200
	2	5535020		1996-07-09	Ulichney	358/3,13
	3	5899999		1999-05-04	De Bonet	707/104.1
	4	5915038		1999-06-22	Abdel-Mottaleb, et al.	382/209
	5	5918223		1999-06-29	Blum, et al.	707/1
	6	6363381		2002-03-26	Lee, et al.	707/6
	7	6584465		2003-08-24	Zhu, et al.	707/6
AD	8	6687416		2004-02-03	Wang	382/278

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		Application Number	10628751
		Filing Date	2003-07-28
		First Named Inventor	Ramarathnam Venkatesan
		Art Unit	2624
		Examiner Name	
		Attorney Docket Number	MS1-422USC1

AD	9	6751343		2004-06-15	Ferrell, et al.	382/145
	10	6754875		2004-06-22	Abdel-Mottaleb, et al.	707/104.1
	11	6782361		2004-08-24	EI-Maleh, et al.	704/920
AD	12	6890453		2006-01-24	Wang, et al.	704/270

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AD	1	JP2000149004			2000-05-30	Matsushita Electric Ind Co LTD	606T 003/40	<input type="checkbox"/>
AD	2	JP2000261655			2000-09-22	Canon KK	604N 001/387	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Not for submision under 37 CFR 1.89)</i>	Application Number	10628751
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<i>AD</i>	3	JP2000332988			2000-11-30	Matsushita Electric Ind Co LTD	<i>HAFN 001/387</i>	<input type="checkbox"/>
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<i>AD</i>	1	Chang, et al., "A Spatial Match Representation Scheme for Indexing and Querying in Iconic Image Databases", ACM, available at <<http://portal.acm.org/citation.cfm?id=266890&coll=ACM&dl=ACM&CFID=88519948&CFTOKEN=85922645>>, 1997, pp. 169-178.	<input type="checkbox"/>
	2	Ei-Kwae, et al., "Efficient Content-Based Indexing of Large Image Databases", ACM, available at <<http://portal.acm.org/citation.cfm?id=348762&coll=ACM&dl=ACM&CFID=88519948&CFTOKEN=85922645>>, April 2000, pp. 171-210.	<input type="checkbox"/>
	3	Lambrou, et al., "Classification of Audio Signals Using Statistical Features on Time and Wavelet Transform Domains", Acoustics, Speech and Signal Processing, 1998. Proceedings of the 1998 IEEE International Conference on Seattle, Wa, May 12-15, 1998. NEW YORK, NY, USA, IEEE, US, vol. 6, pp. 3621-3624.	<input type="checkbox"/>
	4	Moreno, et al., "Using the Fisher Kernel Method for Web Audio Classification", Acoustics, Speech and Signal Processing, 2000. ICASSP '00. Proceedings, 2000 IEEE International Conference on June 5-9, 2000, PISCATAWAY, NJ, USA, IEEE, vol. 6, pp. 2417-2420.	<input type="checkbox"/>
<i>AD</i>	5	Pye, D., "Content-Based Methods for the Management of Digital Music", Acoustics, Speech and Signal Processing, 2000. ICASSP '00. Proceedings, 2000 IEEE International Conference on June 5-9, 2000, PISCATAWAY, NJ, USA, IEEE, vol. 6, pp. 2437-2440.	<input type="checkbox"/>

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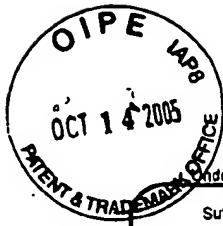
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Sheet 2	of 2	Attorney Docket Number	MS1 0422USC1

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date; page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>AD</i>		Cox, et al, "A secure robust watermark for multimedia," Information Hiding Workshop, University of Cambridge, pp. 185-206, 1996.	
		Dittman, et al, "Robust MPEG video watermarking technologies," Proceedings of ACM Multimedia '98, The 6th ACM International Multimedia Conference, Bristol, England, pp. 71-80.	
		Petitcolas, et al, "Evaluation of copyright marking systems," Proceedings of IEEE Multimedia Systems '99, vol. 1, pp. 574-579, 7-11 June 1999, Florence, Italy.	
		Mihçak, et al, "A tool for robust audio Information hiding: A perceptual audio hashing algorithm," submitted to Workshop on Information Hiding, Pittsburgh, PA, 2001.	
		Kalker, et al, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," Proc. IEEE ICIP, Vancouver, Canada, September 2000.	
		Swanson, et al, "Object based transparent video watermarking," Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing, June 23 - 25, 1997, Princeton, New Jersey, USA.	
<i>AD</i>		Chen, et al, "Digital watermarking and information embedding using dither modulation," Proc. IEEE Workshop on Multimedia Signal Processing, Redondo Beach, CA, pp. 273-278, Dec. 1998.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 11 of 2

Complete if Known

Application Number	10/628,751
Filing Date	7/28/2003
First Named Inventor	Ramarathnam Venkates
Art Unit	2624
Examiner Name	
Attorney Docket Number	MS1 0422USC1

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<p>SubSlope for form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				Complete If Known	
				Application Number	10/628,751
				Filing Date	7/28/2003
				First Named Inventor	Ramarathnam Venkates
				Art Unit	2624
				Examiner Name	
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AD		Politis, et al., "An Audio Signatures Indexing Scheme for Dynamic Content Multimedia Databases", Electrotechnical Conference, 2000. IEEE, Vol. 2, May 28, 2000, pp. 725-728.	

Examiner Signature	Amber Do	Date Considered	7/19/05
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